

What is claimed is;

1. A stencil printing ink container comprising  
an ink container body,

an ink charge port provided in an end wall of the ink  
5 container body, and

an inner plug which is provided with an ink discharge  
port smaller in the outer diameter than the inner diameter of  
the ink charge port and a means for giving an ink suction nozzle  
of an ink pump access to the ink discharge port and is mounted  
10 on the ink charge port.

2. A stencil printing ink container as defined in Claim  
1 in which the means for giving an ink suction nozzle of an  
ink pump access to the ink discharge port is a cylindrical  
portion which is provided with said ink discharge port on its  
15 front end and is engaged with and disengaged from the suction  
nozzle by pushing toward and pulling away from the suction  
nozzle.

3. A stencil printing ink container as defined in Claim  
2 in which the inner plug is further provided with a means for  
20 keeping liquid-tightness to the ink charge port, and a  
draw-resistant means which is resistive to draw of the inner  
plug from the ink charge port and provides strength of  
engagement between the inner plug and the ink charge port  
withstanding pulling force acting when the ink discharge port  
25 is pulled away from the suction nozzle to be disengaged  
therefrom.

4. A stencil printing ink container as defined in Claim 3 in which the ink container body is provided with a guide cylinder which projects outward from the end wall around the ink charge port and the means for keeping liquid-tightness to the ink charge port is an elastic annular member which is provided on the peripheral surface of the inner plug integrally therewith to be press-fitted on the inner peripheral surface in a liquid-tight fashion.

5. A stencil printing ink container as defined in Claim 4 in which the draw-resistant means of the inner plug comprises an elastic hook engaged with the peripheral edge of the ink charge port.

6. A stencil printing ink container as defined in Claim 3 in which the draw-resistant means of the inner plug comprises an elastic hook engaged with the peripheral edge of the ink charge port.

7. A stencil printing ink cartridge comprising a stencil printing ink container having an ink container body,

an ink charge port provided in an end wall of the ink container body,

an inner plug which is provided with an ink discharge port smaller in the outer diameter than the inner diameter of the ink charge port and a means for giving an ink suction nozzle of an ink pump access to the ink discharge port and is mounted on the ink charge port, and

ink filled in the ink container body.

8. A method of manufacturing an ink cartridge comprising the steps of

filling stencil printing ink in a stencil printing ink  
5 container having an ink container body and an ink charge port provided in an end wall of the ink container body through the ink charge port, and

mounting an inner plug, which is provided with an ink discharge port smaller in the outer diameter than the inner  
10 diameter of the ink charge port and a means for giving an ink suction nozzle of an ink pump access to the ink discharge port, on the inside of the ink charge port filled with ink.

9. An inner plug which is press-fitted on an ink charge port of an ink container body of a stencil printing ink  
15 container and is provided with an ink discharge port smaller in the outer diameter than the inner diameter of the ink charge port and a means for giving an ink suction nozzle of an ink pump access to the ink discharge port, the inner plug comprising

a cylindrical first portion which is larger in outer  
20 diameter than the ink charge port,

a cylindrical second portion which is smaller in diameter than the first portion, is provided with the ink discharge port on its front end, is coaxially and integrally connected to one end of the first portion, and is permitted to be engaged with  
25 and disengaged from the ink suction nozzle by pushing toward and pulling away from the same, and

a cylindrical third portion which is provided with a draw-resistant means which is resistive to draw of the second portion of the inner plug from the ink suction nozzle and provides strength of engagement between the inner plug and the ink charge port withstanding pulling force acting when the second portion is pulled away from the suction nozzle to be disengaged therefrom, is coaxially and integrally connected to the other end of the first portion and is press-fitted on the ink charge port of the ink container body.

10           10. An inner plug as defined in Claim 9 in which the inner diameter of the ink discharge port is set according to the viscosity of the ink so that the ink in the ink container body does not drip from the ink discharge port at least for twenty seconds when changing the ink containers.

15           11. An inner plug as defined in Claim 9 in which the ink container body is provided with a guide cylinder which projects outward from the end wall around the ink charge port, and the first portion of the inner plug is disposed coaxially with the guide cylinder inside the same and is provided on its outer peripheral surface with annular elastic member which  
20           abuts against the inner peripheral surface of the guide cylinder in a liquid-tight fashion.

          12. An inner plug as defined in Claim 11 in which the inner diameter of the ink discharge port is set according to  
25           the viscosity of the ink so that the ink in the ink container body does not drip from the ink discharge port at least for

twenty seconds when changing the ink containers.

13. An inner plug as defined in Claim 9 in which the third portion is provided with a hook on the outer peripheral surface of the peripheral wall portion thereof and the peripheral wall portion is provided with a plurality of slits which extend in the axial direction of the inner plug beyond the hook from the front end of the third portion near to the first portion.

14. An inner plug as defined in Claim 10 in which the third portion is provided with a hook on the outer peripheral surface of the peripheral wall portion thereof and the peripheral wall portion is provided with a plurality of slits which extend in the axial direction of the inner plug beyond the hook from the front end of the third portion near to the first portion.

15 An inner plug as defined in Claim 11 in which the third portion is provided with a hook on the outer peripheral surface of the peripheral wall portion thereof and the peripheral wall portion is provided with a plurality of slits which extend in the axial direction of the inner plug beyond the hook from the front end of the third portion near to the first portion.

16. An inner plug as defined in Claim 12 in which the third portion is provided with a hook on the outer peripheral surface of the peripheral wall portion thereof and the peripheral wall portion is provided with a plurality of slits

which extend in the axial direction of the inner plug beyond the hook from the front end of the third portion near to the first portion.

17. An inner plug as defined in Claim 13 in which the  
5 strength of engagement between the third portion of the inner plug and the ink charge port is preferably set to be not smaller than 50N.

18. An inner plug as defined in Claim 14 in which the  
10 strength of engagement between the third portion of the inner plug and the ink charge port is preferably set to be not smaller than 50N.

19. An inner plug as defined in Claim 15 in which the  
15 strength of engagement between the third portion of the inner plug and the ink charge port is preferably set to be not smaller than 50N.

20. An inner plug as defined in Claim 16 in which the  
strength of engagement between the third portion of the inner plug and the ink charge port is preferably set to be not smaller than 50N.

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